

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--------------------|------------------|---------|------------------|
| L1    | 1     | "6560575".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/03 06:54 |
| L2    | 0     | "6560575".pn. and string\$4   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/03 06:54 |
| L3    | 0     | "6560575".pn. and sentenc\$4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/03 06:54 |
| S1    | 0     | "6560575".pn. and "6195637".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:28 |
| S2    | 2     | "6560575".pn. or "6195637".pn.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/09 19:04 |
| S3    | 1     | "0049050".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 07:58 |
| S4    | 1     | "0049050".did.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 07:58 |
| S5    | 1     | "20020049050".did.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 07:58 |
| S6    | 1     | "20020049590".did.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 08:10 |
| S7    | 1     | "6560575".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 08:10 |
| S8    | 0     | "6560575".pn. and sentenc\$5  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 08:14 |
| S9    | 1     | "6560575".pn. and words   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 11:26 |
| S10   | 7     | jakieda and jackson   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 11:31 |
| S11   | 35    | cicely and ware   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/10 11:31 |
| S12   | 1     | "20020049590".did.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:28 |
| S13   | 1     | "20020049590".did. and (DP or (Dymanic\$4 program\$6))  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:39 |
| S14   | 67536 | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4)                                   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:42 |
| S15   | 35840 | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4                   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:47 |
| S16   | 0     | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and "6226610".pn. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 14:43 |
| S17   | 1     | "6226610".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/14 15:44 |

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|     |       |   |                 |    |     |                  |
|-----|-------|---|-----------------|----|-----|------------------|
| S18 | 20954 | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4   | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:47 |
| S19 | 201   | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 miss\$4 substitut\$4) near error\$4              | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:48 |
| S20 | 1     | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 and miss\$4 and substitut\$4) near error\$4      | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:48 |
| S21 | 85    | (DP or (Dymanic\$4 program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 and miss\$4 and substitut\$4) same error\$4      | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:50 |
| S22 | 6     | (DP or (Dymanic\$4 near program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 and miss\$4 and substitut\$4) same error\$4 | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:50 |
| S23 | 159   | (DP or (Dymanic\$4 near program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 miss\$4 substitut\$4) same error\$4         | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:51 |
| S24 | 87    | (DP or (Dymanic\$4 near program\$6)) and (highlight\$4 underlin\$4 blink\$4) and \$4match\$4 and record\$4 and (insert\$4 miss\$4 substitut\$4) with error\$4         | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:53 |
| S25 | 572   | (DP or (Dymanic\$4 near program\$6)) with match\$4  | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:53 |
| S26 | 74    | (DP or (Dymanic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4)  | US-PGPUB; USPAT | OR | OFF | 2005/06/14 14:54 |
| S27 | 49    | (DP or (Dymanic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4  | US-PGPUB; USPAT | OR | OFF | 2005/06/14 15:06 |
| S28 | 86    | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4  | US-PGPUB; USPAT | OR | OFF | 2005/06/14 15:07 |

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|     |     |   |                    |    |     |                  |
|-----|-----|---|--------------------|----|-----|------------------|
| S29 | 51  | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4 and (speech\$4 or voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:08 |
| S30 | 14  | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4 and (speech\$4 or voic\$4) and (insert\$4 miss\$4 substitut\$4) with error\$4                                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:09 |
| S31 | 24  | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4 and (speech\$4 or voic\$4) and (insert\$4 miss\$4 substitut\$4 replac\$4 chang\$4 add\$5) with error\$4            | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:11 |
| S32 | 30  | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (highlight\$4 underlin\$4 blink\$4) and record\$4 and (speech\$4 or voic\$4) and (insert\$4 miss\$4 substitut\$4 replac\$4 chang\$4 add\$5 correct\$4) with error\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:15 |
| S33 | 179 | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (unrecogniz\$4 unmatch\$4 mismatch\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:16 |
| S34 | 33  | (DP or (Dynamic\$4 near program\$6)) with match\$4 and (unrecogniz\$4 unmatch\$4 mismatch\$4) and character\$4 near string\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:45 |
| S35 | 10  | ("6611802" "6006183" "6092043" "6711536" "6263308" "6064959" "6370503" "5950160" "5909667" "6785650").pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:21 |
| S36 | 0   | "6226610".pn. and (unmatch\$4 mismatch\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:57 |
| S37 | 63  | (DP or (Dynamic\$4 near program\$6)) with (unrecogniz\$4 unmatch\$4 mismatch\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:58 |
| S38 | 4   | (DP or (Dynamic\$4 near program\$6)) with (unrecogniz\$4 unmatch\$4 mismatch\$4) and character\$4 near string\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:45 |
| S39 | 1   | "6226610".pn. and error\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:58 |

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|     |       |   |                    |    |     |                  |
|-----|-------|---|--------------------|----|-----|------------------|
| S40 | 0     | "6226610".pn. and blink\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 15:58 |
| S41 | 86076 | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:00 |
| S42 | 13416 | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:01 |
| S43 | 596   | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:02 |
| S44 | 1     | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) with blink\$4)                          | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:02 |
| S45 | 1     | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) same blink\$4)                          | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:03 |
| S46 | 134   | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) same highlight\$4 underlin\$4 blink\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:04 |
| S47 | 131   | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) with highlight\$4 underlin\$4 blink\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/14 16:05 |

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|     |    |   |                 |    |     |                  |
|-----|----|---|-----------------|----|-----|------------------|
| S48 | 57 | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 or add\$6 or correct\$4 or substitut\$4 or miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) with highlight\$4 underlin\$4 blink\$4) and (speech\$4 voic\$4) | US-PGPUB; USPAT | OR | OFF | 2005/06/14 16:07 |
| S49 | 51 | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 add adding correct\$4 substitut\$4 miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) with highlight\$4 underlin\$4 blink\$4) and (speech\$4 voic\$4)         | US-PGPUB; USPAT | OR | OFF | 2005/06/14 16:08 |
| S50 | 4  | (unrecogniz\$4 unmatched\$4 mismatch\$4) and (match\$4 compar\$6 likelihood\$6) and (insert\$4 add adding correct\$4 substitut\$4 miss\$4) with error\$4 and character\$4 near string\$4 and ((character\$4 near string\$4) with (highlight\$4 underlin\$4 blink\$4)) and (speech\$4 voic\$4)       | US-PGPUB; USPAT | OR | OFF | 2005/06/14 16:08 |
| S51 | 1  | "6556841".pn.   | US-PGPUB; USPAT | OR | OFF | 2005/06/15 10:14 |
| S52 | 1  | "6556841".pn. and (miss\$4 add\$4)  | US-PGPUB; USPAT | OR | OFF | 2005/06/15 10:14 |
| S53 | 1  | "6560575".pn. and (stor\$4 record\$4)   | US-PGPUB; USPAT | OR | OFF | 2005/12/02 18:21 |
| S54 | 0  | "6560575".pn. and enroll\$7   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:19 |
| S55 | 0  | "6560575".pn. and (accept\$6 admit\$6 admission\$4)   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:19 |
| S56 | 1  | "6560575".pn.   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:23 |
| S57 | 1  | "6560575".pn. and record\$4   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:43 |
| S58 | 1  | "6560575".pn. and (stor\$6)   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:53 |
| S59 | 1  | (US-20020049590-\$).did.  | US-PGPUB        | OR | OFF | 2006/03/21 20:42 |
| S60 | 1  | ((US-20020049590-\$).did.) and read\$4 near out\$4  | US-PGPUB        | OR | OFF | 2006/03/21 22:12 |
| S61 | 1  | "6560575".pn. and read\$4   | US-PGPUB; USPAT | OR | OFF | 2006/03/21 20:43 |

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|     |        |  |                    |    |     |                  |
|-----|--------|--|--------------------|----|-----|------------------|
| S62 | 22564  | display\$4 with (read\$4 near out\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 20:44 |
| S63 | 46     | display\$4 with (read\$4 near out\$4)<br>same (speech\$4 voic\$4) near2<br>recogni\$6                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 20:49 |
| S64 | 9      | display\$4 with (user with (read\$4<br>near out\$4)) same (speech\$4<br>voic\$4) near2 recogni\$6                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 20:50 |
| S65 | 1      | ((US-20020049590-\$).did.) and<br>display\$4   | US-PGPUB           | OR | OFF | 2006/03/21 20:53 |
| S66 | 0      | "6560575".pn. and display\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 20:59 |
| S67 | 49     | (recogni\$6) with (display\$4 near4<br>sentenc\$5) with (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 21:44 |
| S68 | 832580 | "114" not S63  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 21:02 |
| S69 | 46     | S67 not S63  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 21:02 |
| S70 | 1      | "20050131673".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 21:44 |
| S71 | 1      | "20050131673".pn. and record\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/21 21:44 |
| S72 | 1      | "20050131673".did.   | US-PGPUB           | OR | OFF | 2006/03/21 22:12 |
| S73 | 1      | "20050131673".did. and pronounc\$4   | US-PGPUB           | OR | OFF | 2006/03/21 22:13 |
| S74 | 1      | "20050131673".did.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:49 |
| S75 | 1      | "20050131673".did. and record\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:49 |
| S76 | 226    | display\$4 with record\$4 same<br>recogni\$7 near speech\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:50 |
| S77 | 2      | (display\$6 with indicat\$6 near<br>record\$5) same (recogni\$7 near<br>speech\$4)                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:50 |
| S78 | 19     | (indicat\$6 near record\$4) same<br>(recogni\$7 near speech\$5)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:51 |
| S79 | 82     | (indicat\$6 near4 record\$4) same<br>(recogni\$7 near speech\$5)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:51 |
| S80 | 13     | (indicat\$6 near (word\$4 sentence\$4<br>phras\$4 utterance\$4) with<br>record\$4) same (recogni\$7 near<br>speech\$5) | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:54 |
| S81 | 139    | (indicat\$6 adj (word\$4 sentenc\$4<br>phras\$4 utteranc\$4) with record\$5)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 21:55 |

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|     |     |  |                 |    |     |                  |
|-----|-----|--|-----------------|----|-----|------------------|
| S82 | 8   | (indicat\$6 adj (word\$4 sentenc\$4 phras\$4 utteranc\$4) with record\$5) same (speech\$4 voic\$4) near recogni\$8   | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:56 |
| S83 | 22  | (indicat\$6 adj (word\$4 sentenc\$4 phras\$4 utteranc\$4) with record\$5) with display\$4                            | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:56 |
| S84 | 668 | display\$5 near3 (word\$4 sentenc\$4 utteranc\$4 phras\$4) with record\$4  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:57 |
| S85 | 244 | display\$5 near (word\$4 sentenc\$4 phras\$4 utteranc\$4) with record\$4   | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:58 |
| S86 | 16  | display\$5 near (word\$4 sentenc\$4 phras\$5 utteranc\$5) with record\$4 same ((speech\$4 voic\$4) near recognit\$7) | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:59 |
| S87 | 12  | input near (speech\$4 voci\$4 utteranc\$5) with (again\$4 repeat\$4) with (threshold\$4 toleranc\$4)                 | US-PGPUB; USPAT | OR | OFF | 2006/07/17 21:59 |
| S88 | 995 | (speech\$4 voic\$5 utteranc\$5) near5 (match\$4 compar\$4) with (threshold\$5 toleranc\$4)                           | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:01 |
| S89 | 995 | (speech\$4 voic\$5 utteranc\$5) near5 (match\$4 compar\$4) with (threshold\$5 toleranc\$4)                           | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:01 |
| S90 | 12  | (speech\$4 voic\$5 utteranc\$5) near5 ((match\$4 compar\$4) near rat\$4) with (threshold\$5 toleranc\$4)             | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:02 |
| S91 | 0   | un\$3match\$4 near chatacter\$4 adj string\$4  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:03 |
| S92 | 12  | un\$3match\$4 near character\$4 adj string\$4  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:03 |
| S93 | 358 | match\$4 near character\$4 adj string\$4   | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:03 |
| S94 | 13  | match\$4 near character\$4 adj string\$4 same (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:03 |
| S95 | 9   | (recogniz\$4 near character\$4 adj string\$4) and (record\$4 near character adj string\$4)                           | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:04 |
| S96 | 3   | (recogniz\$4 near character\$4 adj string\$4) same (record\$4 near character adj string\$4)                          | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:04 |
| S97 | 11  | unmatch\$5 with error\$4 same (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:04 |
| S98 | 11  | unmatch\$5 with (mistak\$4 error\$4) same (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/07/17 22:09 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S99      | 0    | S98 not S97   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:05 |
| S10<br>0 | 14   | unmatch\$5 same (mistak\$4 error\$4)<br>same (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:06 |
| S10<br>1 | 3    | S100 not S98  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:06 |
| S10<br>2 | 1787 | (compar\$6 match\$5 contrast\$6)<br>with (mistak\$4 error\$4) same<br>(speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:09 |
| S10<br>3 | 294  | (compar\$6 match\$5 contrast\$6)<br>with (mistak\$4 error\$4) same<br>recogni\$7 near (speech\$4 voic\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:10 |
| S10<br>4 | 2    | (compar\$6 match\$5 contrast\$6)<br>with (mistak\$4 error\$4) same<br>recogni\$7 near (speech\$4 voic\$4)<br>same (character\$4 near string\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:10 |
| S10<br>5 | 2    | (compar\$6 match\$5 contrast\$6)<br>with (error\$4) same recogni\$7 near<br>(speech\$4 voic\$4) same<br>(character\$4 near string\$4)           | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:11 |
| S10<br>6 | 284  | (compar\$6 match\$5 contrast\$6)<br>with (error\$4) same recogni\$7 near<br>(speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:12 |
| S10<br>7 | 13   | (contrast\$6) with (error\$4) same<br>recogni\$7 near (speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:13 |
| S10<br>8 | 275  | (compar\$7 match\$4) with (error\$4)<br>same recogni\$7 near (speech\$4<br>voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:13 |
| S10<br>9 | 15   | (compar\$7 match\$4) with (error\$4)<br>same recogni\$7 near (speech\$4<br>voic\$4) and (character\$4 near<br>string\$4)                        | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:16 |
| S11<br>0 | 54   | (compar\$7 match\$4) with (error\$4)<br>same (speech\$4 voic\$4) and<br>(character\$4 near string\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:16 |
| S11<br>1 | 4    | (compar\$7 match\$4) with (error\$4)<br>same (speech\$4 voic\$4) same<br>(character\$4 near string\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:17 |
| S11<br>2 | 4    | (compar\$7 match\$4) with (error\$4)<br>same (speech\$4 voic\$4) same<br>(character\$4 near string\$4) and<br>record\$4                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:18 |
| S11<br>3 | 74   | (compar\$7 match\$4) with<br>(character\$4 near string\$4) with<br>(error\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:18 |



## EAST Search History

|          |    |   |                    |    |     |                  |
|----------|----|---|--------------------|----|-----|------------------|
| S11<br>4 | 18 | (compar\$7 match\$4) with<br>(character\$4 near string\$4) with<br>(error\$4) and (speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:25 |
| S11<br>5 | 1  | (compar\$7 match\$4) with<br>(character\$4 near string\$4) with<br>identif\$7 near (error\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:25 |
| S11<br>6 | 1  | (compar\$7 match\$4) with<br>(character\$4 near string\$4) with<br>(identif\$7 near (error\$4) )  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:25 |
| S11<br>7 | 1  | (compar\$7 match\$4) with<br>(character\$4 near string\$4) with<br>(identif\$7 near (error\$4))   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:26 |
| S11<br>8 | 2  | (compar\$7 match\$4) with<br>(character\$4 near string\$4) same<br>(identif\$7 near (error\$4))   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/17 22:26 |
| S11<br>9 | 1  | "6556841".pn. and (speech44<br>voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/18 20:21 |
| S12<br>0 | 1  | "6556841".pn. and (speech\$4<br>voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/18 20:50 |
| S12<br>1 | 0  | "6560575".pn. and display\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/18 20:50 |
| S12<br>2 | 0  | "6560575".pn. and screen\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/18 20:50 |
| S12<br>3 | 10 | (unrecogniz\$4 unmatch\$4<br>mismatch\$4) same (record\$4 with<br>character\$4 near string\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:09 |
| S12<br>4 | 86 | (recogniz\$6 with character\$4 same<br>string\$4) same (record\$4 with<br>character\$4 near string\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:25 |
| S12<br>5 | 2  | (recogniz\$6 with character\$4 same<br>string\$4) same (record\$4 with<br>character\$4 near string\$4) same<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:27 |
| S12<br>6 | 7  | (recogniz\$6 with character\$4 same<br>string\$4) same (record\$4 with<br>character\$4 near string\$4) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:36 |
| S12<br>7 | 1  | (recogniz\$6 with character\$4 same<br>string\$4) same (record\$4 with<br>sentenc\$4) and (unrecogniz\$6<br>mis\$4match\$4 unmatch\$4)                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:37 |
| S12<br>8 | 7  | (recogniz\$6 with sentenc\$5) same<br>(record\$4 with sentenc\$4) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:53 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S12<br>9 | 6   | S128 not S126  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:37 |
| S13<br>0 | 180 | (recogniz\$6 with ((characer\$4 near3<br>string\$4) or sentenc\$5)) and<br>(record\$4 ((characer\$4 near3<br>string\$4) or sentenc\$5)) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4)                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:54 |
| S13<br>1 | 84  | (recogniz\$6 with ((characer\$4 near3<br>string\$4) or sentenc\$5)) and<br>(record\$4 ((characer\$4 near3<br>string\$4) or sentenc\$5)) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4         | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:56 |
| S13<br>2 | 143 | (recogniz\$6 with ((character\$4<br>near3 string\$4) or sentenc\$5)) and<br>(record\$4 ((character\$4 near3<br>string\$4) or sentenc\$5)) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4       | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:57 |
| S13<br>3 | 143 | (recogniz\$6 with ((character\$4<br>near3 string\$4) or sentenc\$5))<br>same (record\$4 ((character\$4 near3<br>string\$4) or sentenc\$5)) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:57 |
| S13<br>4 | 143 | ((recogniz\$6 with ((character\$4<br>near3 string\$4) or sentenc\$5)))<br>same ((record\$4 ((character\$4<br>near3 string\$4) or sentenc\$5))) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:58 |
| S13<br>5 | 143 | ((recogniz\$6 with (character\$4<br>near3 string\$4 or sentenc\$5)))<br>same ((record\$4 (character\$4 near3<br>string\$4 or sentenc\$5))) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:59 |
| S13<br>6 | 6   | ((recogniz\$6 with (character\$4<br>near3 string\$4 or sentenc\$5)))<br>same ((record\$4 with (character\$4<br>near3 string\$4 or sentenc\$5))) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 10:59 |
| S13<br>7 | 36  | ((recogniz\$6 with (character\$4<br>near3 string\$4 or sentenc\$5))) and<br>((record\$4 with (character\$4 near3<br>string\$4 or sentenc\$5))) and<br>(unrecogniz\$6 mis\$4match\$4<br>unmatch\$4) and learn\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:23 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S13<br>8 | 140  | ((character\$4 near3 string\$4 or sentenc\$5)) and ((record\$4 with (character\$4 near3 string\$4 or sentenc\$5))) and (unrecogniz\$6 mis\$4match\$4 unmatch\$4) and learn\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:23 |
| S13<br>9 | 140  | (character\$4 near3 string\$4 or sentenc\$5) and ((record\$4 with (character\$4 near3 string\$4 or sentenc\$5))) and (unrecogniz\$6 mis\$4match\$4 unmatch\$4) and learn\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:25 |
| S14<br>0 | 140  | (character\$4 near3 string\$4 or sentenc\$5) same ((record\$4 with (character\$4 near3 string\$4 or sentenc\$5))) and (unrecogniz\$6 mis\$4match\$4 unmatch\$4) and learn\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:26 |
| S14<br>2 | 5    | (character\$4 near3 string\$4 or sentenc\$5) same ((record\$4 with (character\$4 near3 string\$4 or sentenc\$5))) same (unrecogniz\$6 mis\$4match\$4 unmatch\$4) and learn\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:29 |
| S14<br>3 | 147  | display\$4 with sentenc\$4 with record\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:29 |
| S14<br>4 | 1    | display\$4 with sentenc\$4 with record\$4 same (mis\$4match\$4 unrecogniz\$7 un\$4match\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:30 |
| S14<br>5 | 8    | display\$4 with sentenc\$4 with record\$4 and (mis\$4match\$4 unrecogniz\$7 un\$4match\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:31 |
| S14<br>6 | 44   | display\$4 with sentenc\$4 with record\$4 and (mis\$4match\$4 unrecogniz\$7 un\$4match\$4 match\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 11:31 |
| S14<br>7 | 12   | display\$4 with sentenc\$4 with record\$4 same (mis\$4match\$4 unrecogniz\$7 un\$4match\$4 match\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 12:46 |
| S14<br>8 | 44   | display\$4 with sentenc\$4 with record\$4 and (mis\$4match\$4 unrecogniz\$7 un\$4match\$4 match\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/27 12:47 |
| S14<br>9 | 2268 | learn\$4.ti.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 05:40 |
| S15<br>0 | 40   | (learn\$4 and (speech\$4 voic\$4)).ti.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 05:40 |

## EAST Search History

|          |      |  |                    |    |     |                  |
|----------|------|--|--------------------|----|-----|------------------|
| S15<br>1 | 35   | (learn\$4 and (speech\$4 voic\$4)).ti.<br>and (match\$4 un\$4match<br>recogni\$8)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 05:41 |
| S15<br>2 | 29   | (learn\$4 and (speech\$4 voic\$4)).ti.<br>and (match\$4 un\$4match<br>compar\$8)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:09 |
| S15<br>3 | 8232 | (learn\$4 and (speech\$4 voic\$4)).ti,<br>bsum. and (match\$4 un\$4match<br>compar\$8)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:09 |
| S15<br>4 | 337  | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab. and (match\$4 un\$4match<br>compar\$8)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:09 |
| S15<br>5 | 8382 | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab,bsum. and (match\$4 un\$4match<br>compar\$8)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:10 |
| S15<br>6 | 271  | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab,bsum. and (match\$4 un\$4match<br>compar\$8) and record\$4 near3<br>((character\$4 near2 string) word<br>sentenc\$4)                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:10 |
| S15<br>7 | 233  | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab,bsum. and (match\$4 un\$4match<br>compar\$8) and record\$4 near3<br>((character\$4 near2 string) word<br>sentenc\$4) and recogni\$8                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:11 |
| S15<br>8 | 128  | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab,bsum. and (match\$4 un\$4match<br>compar\$8) and record\$4 near3<br>((character\$4 near2 string) word<br>sentenc\$4) and recogni\$8 and<br>"704"/\$.ccls. | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:41 |
| S15<br>9 | 1    | "6865536".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:35 |
| S16<br>0 | 1    | "6865536".pn. and display\$7 same<br>record\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:36 |
| S16<br>1 | 1    | "7149690".pn. and display\$7 same<br>record\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:36 |
| S16<br>2 | 17   | (learn\$4 and (speech\$4 voic\$4)).ti,<br>ab,bsum. and display\$4 with<br>record\$4 near3 ((character\$4 near2<br>string) word sentenc\$4) and<br>recogni\$8 and "704"/\$.ccls.                        | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:50 |
| S16<br>3 | 43   | display\$4 with record\$4 near3<br>((character\$4 near2 string) word<br>sentenc\$4) and recogni\$8 and<br>"704"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:51 |
| S16<br>4 | 26   | S163 not S162  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 06:57 |

## EAST Search History

|          |      |  |                 |    |     |                  |
|----------|------|--|-----------------|----|-----|------------------|
| S16<br>5 | 3090 | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4 predetermin\$4 level)   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:03 |
| S16<br>6 | 500  | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4 predetermin\$4 level) with (match\$4 compar\$7)                   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 06:58 |
| S16<br>7 | 103  | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4 predetermin\$4 level) with (match\$4 compar\$7) and learn\$4      | US-PGPUB; USPAT | OR | OFF | 2006/12/28 06:58 |
| S16<br>8 | 0    | re\$4input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4 predetermin\$4 level) with (match\$4 compar\$7) and learn\$4 | US-PGPUB; USPAT | OR | OFF | 2006/12/28 06:59 |
| S16<br>9 | 4    | re\$4input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4 predetermin\$4 level)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 06:59 |
| S17<br>0 | 12   | re\$4input\$4 near2 (voic\$4 speech\$4) same (toleran\$4 threshold\$4 predetermin\$4 level)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:01 |
| S17<br>1 | 8    | S170 not S169  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 06:59 |
| S17<br>2 | 7    | re\$4input\$4 near2 (voic\$4 speech\$4) with (match\$4 compar\$7)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:02 |
| S17<br>3 | 10   | re\$4input\$4 near2 (voic\$4 speech\$4) same (match\$4 compar\$7)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:02 |
| S17<br>4 | 3    | S173 not S172  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:02 |
| S17<br>5 | 81   | input\$4 near2 (voic\$4 speech\$4) with again\$4 with (toleran\$4 threshold\$4 predetermin\$4 level)                               | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:03 |
| S17<br>6 | 20   | input\$4 near2 (voic\$4 speech\$4) with again\$4 with (toleran\$4 threshold\$4 predetermin\$4 level) with (match\$4 compar\$6)     | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:04 |
| S17<br>7 | 7    | input\$4 near2 (voic\$4 speech\$4) with again with (toleran\$4 threshold\$4 predetermin\$4 level) with (match\$4 compar\$6)        | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:05 |
| S17<br>8 | 3    | input\$4 near2 (voic\$4 speech\$4) with again with (toleran\$4 threshold\$4) with (match\$4 compar\$6)                             | US-PGPUB; USPAT | OR | OFF | 2006/12/28 07:05 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S17<br>9 | 220 | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:05 |
| S18<br>0 | 0   | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) with learn\$4                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:06 |
| S18<br>1 | 0   | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) same learn\$4                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:06 |
| S18<br>2 | 220 | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:06 |
| S18<br>3 | 46  | input\$4 near2 (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) and learn\$4                               | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:17 |
| S18<br>4 | 1   | input\$4 near2 (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6) and learn\$4                | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:17 |
| S18<br>5 | 1   | input\$4 near2 (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6) and learn\$4                | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:17 |
| S18<br>6 | 17  | input\$4 near2 (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6)                             | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:21 |
| S18<br>7 | 153 | (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:21 |
| S18<br>8 | 153 | (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5)                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:21 |
| S18<br>9 | 3   | instruct\$7 with (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:22 |
| S19<br>0 | 30  | (voic\$4 speech\$4) with below\$4 near3 (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5) and learn\$4     | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:23 |
| S19<br>1 | 298 | (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5) and learn\$4                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:23 |

## EAST Search History

|          |       |  |                    |    |     |                  |
|----------|-------|--|--------------------|----|-----|------------------|
| S19<br>2 | 184   | (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5) and learn\$4 and "704"/\$.ccls. | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:24 |
| S19<br>3 | 6     | (voic\$4 speech\$4) with (toleran\$4 threshold\$4) with (match\$4 compar\$6) same (match\$4 compar\$5) and learn\$4.ti.                | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:27 |
| S19<br>4 | 8     | (voic\$4 speech\$4) with (toleran\$4 threshold\$4) same (match\$4 compar\$5) and learn\$4.ti.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:28 |
| S19<br>5 | 2     | S194 not S193  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:28 |
| S19<br>6 | 39679 | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:29 |
| S19<br>7 | 966   | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) same (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:29 |
| S19<br>8 | 611   | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with(speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:29 |
| S19<br>9 | 611   | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:29 |
| S20<br>0 | 10    | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with (speech\$4 voic\$4) with instruc\$8                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:31 |
| S20<br>1 | 131   | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with input\$4 with (speech\$4 voic\$4)                            | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:31 |
| S20<br>2 | 98    | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with input\$4 near4 (speech\$4 voic\$4)                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:32 |
| S20<br>3 | 0     | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with input\$4 near4 (speech\$4 voic\$4) and learn\$4.ti.          | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:33 |
| S20<br>4 | 1     | determin\$4 with (match\$4 compar\$7) with (threshold\$4 toleran\$4) with (speech\$4 voic\$4) and learn\$4.ti.                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:33 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S20<br>5 | 6    | (match\$4 compar\$7) with<br>(threshold\$4 toleran\$4) with<br>(speech\$4 voic\$4) and learn\$4.ti.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:34 |
| S20<br>6 | 147  | (match\$4 compar\$7) with<br>(threshold\$4 toleran\$4) with<br>(speech\$4 voic\$4) and learn\$4.ti,<br>bsum.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:34 |
| S20<br>7 | 21   | (match\$4 compar\$7) with<br>(threshold\$4 toleran\$4) with<br>(speech\$4 voic\$4) and learn\$4.ti,ab.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:34 |
| S20<br>8 | 15   | S207 not S205   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:36 |
| S20<br>9 | 575  | (match\$4 compar\$6) with<br>(speech\$4 voic\$4 speaker\$4) with<br>(predetermin\$6 near3 (level\$4<br>threshold\$4 toleran\$4))                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:43 |
| S21<br>0 | 5    | learn\$4.ti. and (match\$4 compar\$6)<br>with (speech\$4 voic\$4 speaker\$4)<br>with (predetermin\$6 near3 (level\$4<br>threshold\$4 toleran\$4)) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:49 |
| S21<br>1 | 743  | display\$4 with (word\$4 sentenc\$4<br>character\$4) with (said say\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:50 |
| S21<br>2 | 8    | learn\$4.ti. and display\$4 with<br>(word\$4 sentenc\$4 character\$4)<br>with (said say\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:51 |
| S21<br>3 | 18   | learn\$4.ti,ab. and display\$4 with<br>(word\$4 sentenc\$4 character\$4)<br>with (said say\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:53 |
| S21<br>4 | 10   | S213 not S212   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:52 |
| S21<br>5 | 118  | learn\$4.ti,ab,bsum. and display\$4<br>with (word\$4 sentenc\$4<br>character\$4) with (said say\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 08:16 |
| S21<br>6 | 100  | S215 not S213   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:58 |
| S21<br>7 | 6716 | display\$4 with input\$4 near4<br>(speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 07:58 |
| S21<br>8 | 22   | learn\$4.ti. and display\$4 with<br>input\$4 near4 (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 08:00 |
| S21<br>9 | 486  | display\$4 with input\$4 near4<br>(speech\$4 voic\$4) and (match<br>compar\$7) with (toler\$4<br>threshold\$4)                                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 08:01 |
| S22<br>0 | 484  | display\$4 with input\$4 near4<br>(speech\$4 voic\$4) and (match<br>compar\$7) with (toleran\$4<br>threshold\$4)                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 08:01 |



## EAST Search History

|          |      |  |                 |    |     |                  |
|----------|------|--|-----------------|----|-----|------------------|
| S22<br>1 | 43   | display\$4 with input\$4 near4 (speech\$4 voic\$4) with (sentenc\$4 word\$4 character\$4) and (match compar\$7) with (toleran\$4 threshold\$4) | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:02 |
| S22<br>2 | 0    | display\$4 with what with expect\$4 with (say\$4 said\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:17 |
| S22<br>3 | 35   | display\$4 with expect\$4 with (say\$4 said\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:18 |
| S22<br>4 | 28   | display\$4 with expect\$4 with (sentenc\$4 word\$4 character\$4) same (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:19 |
| S22<br>5 | 509  | (match\$4 near3 rat\$4) with (threshold\$4 confiden\$6 toleran\$5)   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:31 |
| S22<br>6 | 13   | (match\$4 near3 rat\$4) with (threshold\$4 confiden\$6 toleran\$5) with (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:32 |
| S22<br>7 | 4    | (match\$4 near3 rate) with (threshold\$4 confiden\$6 toleran\$5) with (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:33 |
| S22<br>8 | 1    | re\$4input\$4 near3 (speech\$4 voic\$4) with (threshold\$4 toleran\$4 confiden\$6)   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:34 |
| S22<br>9 | 3    | re\$4input\$4 near3 (speech\$4 voic\$4) same (threshold\$4 toleran\$4 confiden\$6)   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:35 |
| S23<br>0 | 11   | re\$4input\$4 near3 (speech\$4 voic\$4) same (match\$4 compar\$6)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:36 |
| S23<br>1 | 1227 | again\$4 near3 (speak\$7 speech\$4 voic\$4) same (match\$4 compar\$6)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:37 |
| S23<br>2 | 836  | again\$4 near3 (speak\$7 speech\$4 voic\$4) with (match\$4 compar\$6)  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:37 |
| S23<br>3 | 57   | again\$4 near3 (speak\$7 speech\$4 voic\$4) with (match\$4 compar\$6) with (threshold\$4 toleran\$4 confiden\$5)                               | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:38 |
| S23<br>4 | 6    | again near3 (speak\$7 speech\$4 voic\$4) with (match\$4 compar\$6) with (threshold\$4 toleran\$4 confiden\$5)                                  | US-PGPUB; USPAT | OR | OFF | 2006/12/28 08:38 |
| S23<br>5 | 16   | ("6061654" "6223615" "6865536").pn."   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 10:55 |
| S23<br>6 | 14   | ("6061654" or "6223615" or "6865536").pn."   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 10:55 |
| S23<br>7 | 16   | ("6061654" or "6223615" or "6865536").pn."   | US-PGPUB; USPAT | OR | OFF | 2006/12/28 10:55 |

## EAST Search History

|          |         |   |                    |    |     |                  |
|----------|---------|---|--------------------|----|-----|------------------|
| S23<br>8 | 3       | ("6061654" or "6223615" or "6865536").pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 10:56 |
| S23<br>9 | 3916183 | ("6061654" or "6223615" or "6865536").pn. amd (insert\$5 delet\$4 substitut\$4 edit\$4 modif\$8)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 10:56 |
| S24<br>0 | 1       | ("6061654" or "6223615" or "6865536").pn. and (insert\$5 delet\$4 substitut\$4 edit\$4 modif\$8)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 10:57 |
| S24<br>1 | 0       | ("6061654" or "6226615" or "6865536").pn. and (insert\$5 delet\$4 substitut\$4 edit\$4 modif\$8)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 10:57 |
| S24<br>2 | 3       | ("6061654" or "6226615" or "6865536").pn. and (error\$5 mistak\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:29 |
| S24<br>3 | 41428   | (speech\$4 voic\$4) near3 recogn\$6   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 10:59 |
| S24<br>4 | 0       | (speech\$4 voic\$4) near3 recogn\$6 and (error or mistak\$4) and (match\$6 compar\$7) same blink\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:00 |
| S24<br>5 | 402     | (speech\$4 voic\$4) near3 recogn\$6 and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4)                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:04 |
| S24<br>6 | 1       | "6556841".pn. and (speech voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:01 |
| S24<br>7 | 0       | (speech\$4 voic\$4) near3 recogn\$6 and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) same (underlin\$4 bold italic\$4)    | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:06 |
| S24<br>8 | 0       | (speech\$4 voic\$4) near3 recogn\$6 and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) same (underlin\$4 bold\$4 italic\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:10 |
| S24<br>9 | 26      | (speech\$4 voic\$4) near3 recogn\$6 and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) and (underlin\$4 bold\$4 italic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:12 |
| S25<br>0 | 1       | learn\$4.ti. and (speech\$4 voic\$4) and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) and (underlin\$4 bold\$4 italic\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:13 |

## EAST Search History

|          |      |  |                    |    |     |                  |
|----------|------|--|--------------------|----|-----|------------------|
| S25<br>1 | 5    | learn\$4.ti. and (speech\$4 voic\$4) and (error or mistak\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4)              | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:13 |
| S25<br>2 | 62   | learn\$4.ti. and (speech\$4 voic\$4) and (error or mistak\$4) and (match\$6 compar\$7) and (blink\$4 flash\$4)               | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:21 |
| S25<br>3 | 57   | S252 not S251  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:14 |
| S25<br>4 | 3205 | (speech\$4 voic\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:22 |
| S25<br>5 | 802  | (speech\$4 voic\$4) with recogn\$8 and (match\$6 compar\$7) same (blink\$4 flash\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:23 |
| S25<br>6 | 802  | ((speech\$4 voic\$4) with recogn\$8) and (match\$6 compar\$7) same (blink\$4 flash\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:23 |
| S25<br>7 | 13   | learn\$4.ti. and ((speech\$4 voic\$4) with recogn\$8) and (match\$6 compar\$7) same (blink\$4 flash\$4)                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:25 |
| S25<br>8 | 802  | ((speech\$4 voic\$4) with recogn\$8) and (match\$6 compar\$7) same (blink\$4 flash\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:25 |
| S25<br>9 | 41   | ((speech\$4 voic\$4) with recogn\$8) and (match\$6 compar\$7) same (blink\$4 flash\$4) and (bold\$4 italic\$4 undderlin\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:25 |
| S26<br>0 | 7    | ((speech\$4 voic\$4) with recogn\$8) and (match\$6 compar\$7) same (blink\$4 flash\$4) same (bold\$4 italic\$4 undderlin\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:26 |
| S26<br>1 | 13   | (speech\$4 voic\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) same (bold\$4 italic\$4 undderlin\$4)                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:26 |
| S26<br>2 | 19   | (speech\$4 voic\$4) and (match\$6 compar\$7) same (blink\$4 flash\$4) same (bold\$4 italic\$4 underlin\$4)                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:30 |
| S26<br>3 | 19   | (speech\$4 voic\$4) and (match\$6 compar\$7 un\$4match\$4) same (blink\$4 flash\$4) same (bold\$4 italic\$4 underlin\$4)     | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:32 |
| S26<br>4 | 3205 | (speech\$4 voic\$4) and (match\$6 compar\$7 un\$4match\$4) same (blink\$4 flash\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:33 |

## EAST Search History

|          |      |  |                    |    |     |                  |
|----------|------|--|--------------------|----|-----|------------------|
| S26<br>5 | 16   | learn\$4.ti. and (speech\$4 voic\$4)<br>and (match\$6 compar\$7<br>un\$4match\$4) same (blink\$4<br>flash\$4)                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:34 |
| S26<br>6 | 47   | learn\$4.ti.ab. and (speech\$4 voic\$4)<br>and (match\$6 compar\$7<br>un\$4match\$4) same (blink\$4<br>flash\$4)                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 12:13 |
| S26<br>7 | 31   | S266 not S265  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 11:34 |
| S26<br>8 | 64   | learn\$4.ti.ab. and (speech\$4 voic\$4)<br>and (blink\$4 flash\$4) and<br>(underlin\$4 bold\$4 italic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 12:55 |
| S26<br>9 | 2603 | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:26 |
| S27<br>0 | 312  | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4 and (speech\$4<br>voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 12:56 |
| S27<br>1 | 27   | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4 with (user\$4<br>operator\$4) and (speech\$4 voic\$4)                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 12:59 |
| S27<br>2 | 6    | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4 with (user\$4<br>operator\$4) and (speech\$4 voic\$4)<br>and (flash\$4 blink\$4)          | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:00 |
| S27<br>3 | 25   | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4 and (speech\$4<br>voic\$4) and (flash\$4 blink\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:00 |
| S27<br>4 | 4    | (recogni\$6 input\$4) near3 error\$4<br>with feedback\$4 and (speech\$4<br>voic\$4) and (flash\$4 blink\$4) and<br>(bold\$4 italic\$4 underlin\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:09 |
| S27<br>5 | 0    | vanbuskirk.in.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:02 |
| S27<br>6 | 97   | vanbuskirk.in.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:02 |
| S27<br>7 | 25   | vanbuskirk.in. and error\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:02 |
| S27<br>8 | 12   | vanbuskirk.in. and error\$4 and<br>feedback\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:03 |
| S27<br>9 | 2    | (US-6490563-\$ or US-6327566-\$).<br>did.  | USPAT              | OR | OFF | 2006/12/28 13:04 |
| S28<br>0 | 1    | ((US-6490563-\$ or US-6327566-\$).<br>did.) and (bold\$4 italic\$6<br>underlin\$4)   | USPAT              | OR | OFF | 2006/12/28 13:09 |

## EAST Search History

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S28<br>1 | 4   | (recogni\$6 input\$4) near3 error\$4 with feedback\$4 with visual\$4 and (speech\$4 voic\$4)                | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:11 |
| S28<br>2 | 72  | error\$4 with feedback\$4 with visual\$4 and (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:24 |
| S28<br>3 | 2   | learn\$4.ti. and error\$4 with feedback\$4 with visual\$4 and (speech\$4 voic\$4)                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:12 |
| S28<br>4 | 5   | (recogni\$6 input\$4) near3 error\$4 with feedback\$4 same (blink\$4 flash\$4)                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:19 |
| S28<br>5 | 1   | "6490563".pn. and (delet\$4 insert\$4 add\$4 substitu\$7)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:27 |
| S28<br>6 | 1   | "6490563".pn. and edit\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:28 |
| S28<br>7 | 1   | ("6061654" or "6226615" or "6865536").pn. and feedback\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:36 |
| S28<br>8 | 1   | "6865536".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:36 |
| S28<br>9 | 0   | "6865536".pn. and (insert\$4 substitut\$4 delet\$6)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:37 |
| S29<br>0 | 1   | "6865536".pn. and (insert\$4 substitut\$4 delet\$6 add\$4 replac\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:37 |
| S29<br>1 | 1   | "6865536".pn. and error\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:42 |
| S29<br>2 | 0   | "6865536".pn. and error\$4 same identif\$7  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:37 |
| S29<br>3 | 117 | (deletion\$4 substitut\$5 insert\$4) near4 error with (speech\$4 voic\$4)                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:45 |
| S29<br>4 | 2   | identif\$8 with (deletion\$4 substitut\$5 insert\$4) near4 error with (speech\$4 voic\$4)                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:46 |
| S29<br>5 | 117 | (deletion\$4 substitut\$5 insert\$4) near4 error with (speech\$4 voic\$4)                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:50 |
| S29<br>6 | 1   | learn\$4.ti. and (deletion\$4 substitut\$5 insert\$4) near4 error with (speech\$4 voic\$4)                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:52 |
| S29<br>7 | 7   | learn\$4.ti. and (deletion\$4 substitut\$5 insert\$4) near4 error and (speech\$4 voic\$4) near4 recognit\$7 | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 13:53 |
| S29<br>8 | 1   | unmatch\$4 with (blink\$4 flash\$4) and (speech\$4 voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:17 |
| S29<br>9 | 8   | unmatch\$4 with (bold\$4 italic\$6 underlin\$4) and (speech\$4 voic\$4)                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:19 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S30<br>0 | 20  | feedback\$4 with (bold\$4 italic\$6<br>underlin\$4) and (speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:21 |
| S30<br>1 | 194 | feedback\$4 with (bold\$4 italic\$6<br>underlin\$4 highlight\$4) and<br>(speech\$4 voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:22 |
| S30<br>2 | 6   | feedback\$4 with (bold\$4 italic\$6<br>underlin\$4 highlight\$4) with<br>(mistak\$4 error\$4) and (speech\$4<br>voic\$4)             | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:22 |
| S30<br>3 | 54  | (recogni\$6 input\$4) near3 (error\$4<br>mistak\$4) with feedback\$4 and<br>(underlin\$4 hightligh\$4 bold\$4<br>blink\$4 italic\$5) | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/28 14:27 |